



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Parkhe, et al.

Patent No.: 6,743,473 B1

**Issued: June 1, 2004**

**Serial No.: 09/505,638**

Filed: February 16, 2000

**For: Chemical Vapor Deposition  
of Barriers from Novel  
Precursors**

**නිකුත් කළ දිනය:**

**Group Art Unit: 1762**

**Examiner:** Bret Chen

**Certificate**  
JAN 27 2005  
**of Correction**

**Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

CERTIFICATE OF MAILING  
37 CFR 1.8

I hereby certify that this correspondence is being deposited on  
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Correction Branch, Commissioner for Patents, P.O. Box 1450  
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1/14/05 A. Wilhoit  
Date Signature

Dear Sir:

### REQUEST FOR CERTIFICATE OF CORRECTION

Attached is a Certificate of Correction for correcting several errors throughout the printed patent.

Applicants submit that at least some of the errors mentioned above were made by Applicants. The Commissioner is authorized to charge the \$100.00 Certificate of Correction fee to Deposit Account No. 20-0782/APPM/3980/BTP.

01/19/2005 HDEMESS1 00000069 200782 6743473  
01 FC:1811 100.00 DA

Respectfully submitted,

B. Todd Patterson

**B. Todd Patterson**  
Registration No. 37,906  
**MOSER, PATTERSON & SHERIDAN, L.L.P.**  
3040 Post Oak Blvd. Suite 1500  
Houston, TX 77056  
Telephone: (713) 623-4844  
Facsimile: (713) 623-4846  
Agent for Applicant(s)

28 JAN 2005

## UNITED STATES PATENT AND TRADEMARK OFFICE

### CERTIFICATE OF CORRECTION

PATENT NO : 6,743,473 B1

DATED : June 1, 2004

INVENTOR(S) : Vijay D. PARKHE, Gilbert HAUSMANN, Jagadish KALYANAM

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

**Column 3:**Line 18 should read:  $(Cp(R)_n)_xMH_{yx}$  (I).**Column 4:**

Line 37, change "many" to --may--.

Line 62, change "metalation" to --metallization--.

**Column 5:**

Line 20, change "stirring" to --striking--.

Line 55, change "triethylsilyl" to --trimethylsilyl--.

**Column 6:**

Line 11, change the first occurrence of "100" to "1000".

Line 32, remove the "." after "vapor".

Line 46, remove the "," after "film".

**Column 7:**

Line 3, change "density" to --densify--.

Line 12, delete the "," after "plasma".

MAILING ADDRESS OF SENDER: B. Todd Patterson  
MOSER, PATTERSON & SHERIDAN, L.L.P.  
3040 Post Oak Blvd., Suite 1500  
Houston, TX 77056-6582

PATENT NO. 6,743,473No  al copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**Column 7:**

Line 55, change "density" to --densify--.

Line 58, change "density" to --densify--.

**Column 8:**

Line 7, insert --be-- after "may then".

Line 17, delete the "," after "plasma".

Line 67, change "conformably" to --conformally--.

**Column 9:**

Line 45, delete the "," after "between".

Line 58, delete the "," after "molar".

**Column 10:**

Line 9, change "NON-conducting" to --Non-conducting--.

Line 18, change "process in" to --processing--.

**Column 11:**

Line 53, change "density" to --densify--.

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**Column 12:**

Line 2, delete the "," after "about".

Line 17, change "20" to -120--.

**Column 13:**

Line 24, change "drubbing" to -rubbing--.

**Column 14:**

Line 36, delete the "," after the first occurrence of "temperature".

**Column 15:**

Line 41, delete the "." after the second occurrence of "CVD".

Line 43, delete the "." after "CVD".

Line 58, change "though" to -through--.

Line 59, change "which" to -while the--.

**Column 16:**

Line 6, change "density" to -densify--.

**Column 18:**

Line 5, change "bold" to -hold--.

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**Column 19:**

Line 25, change "preformed" to --performed--.

**Column 20:**

Line 34, change "(C<sub>5</sub>H<sub>5</sub>)<sub>2</sub>TaA<sub>3</sub>" to -- (C<sub>5</sub>H<sub>5</sub>)<sub>2</sub>TaH<sub>3</sub>--.

**IN THE CLAIMS:****Column 22:**

Claim 1, line 58, insert --and hafnium,-- after "vanadium, niobium,".

**Column 24:**

Claim 21, line 27, change "ac" to --a--.

Claim 26, delete the second occurrence of "vanadium, tantalum, niobium, hafnium".

**Column 25:**

Claim 26, delete the second occurrence of "and combinations thereof".

Claim 27, line 8, delete the "," after "niobium silicon".

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